



#12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: BEBBER, W. Neal et al Group Art Unit: 5495
Serial No. 09/927,034 Examiner: BEFUMO, J.
Filed: 08/09/2001 Dkt No: 2020.23B
For: HIGH STRENGTH LIGHTWEIGHT COMPOSITE FABRIC WITH LOW GAS
PERMEABILITY

To: Mail Stop Petitions
 Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING 37 CFR 1.10: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as EXPRESS MAIL POST OFFICE TO ADDRESSEE addressed to: Mail Stop Petitions, Commissioner for Patents, PO Box 1450 Alexandria, VA 22313-1450.

Express Mail Certificate #

EL 962 754 884 US

Date: 01/30/2004

☒ Debra A. Stengel or ☐ Vernon C. Maine, Reg. No. 37,389

Debra A. Stengel

Commissioner:

APPOINTMENT OF ASSOCIATE ATTORNEY

As principal attorney of record in the above application, I hereby designate the associate attorney(s) listed below, pursuant to 37 CFR §1.34, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith as an attorney of record:

Customer Number 24222 (Maine & Asmus)

Vernon C. Maine, Registration No. 37,389

Scott J. Asmus, Registration No. 42,269

Neal F. Maloney, Registration No. 42,833

Andrew P. Cernota, Registration No. 52,711

Respectfully submitted,

Philip Summa

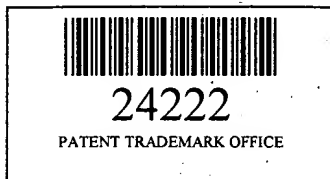
Philip Summa, Reg. No. 31573

Summa & Allan, P.A.
11610 North Community House Road, Suite 200
Charlotte, NC 28277

12

POWER OF ATTORNEY

THE UNDERSIGNED INDIVIDUAL OR COMPANY does hereby revoke all prior appointments and appoint, authorize and engage



RECEIVED

FEB 04 2004

OFFICE OF PETITIONS

USPTO CUSOMER NUMBER 24222
Vernon C. Maine, USPTO Reg. No. 37,389
Scott J. Asmus, USPTO Reg. No. 42,269
Neil F. Maloney, USPTO Reg. No. 42,833
Andrew P. Cernota, USPTO Reg. No. 52,711

Contact information:

Maine & Asmus
Registered Patent Attorneys
100 Main Street - Suite 2
PO Box 3445
Nashua, NH 03061-3445

Tel (603) 886-6100
Fax (603) 886-4796
Email: Info@MaineandAsmus.com

as it's Agents and Attorneys, each with full powers of appointment, substitution and revocation, to apply for registration, prosecute, issue, maintain, renew, negotiate, license, assign, record, defend, settle and abandon, and to take all other actions permissible by law, without limitation, in regard to:

	<u>Application Number</u>	<u>Atty Docket #</u>	<u>Filing Date</u>	<u>Patent Number</u>
1.	09/927,034	2020.23B	08/09/2001	

in the U. S. Patent and Trademark Office and Copyright Office, the United States Receiving Office, all state and federal agencies and courts of the United States, and all proper offices, agencies and courts of all other countries, states and jurisdictions. It agrees that all materials, communications, service of process, or copies thereof, in matters relating hereto may be directed by third parties to said Agents at the above address. This appointment is effective from the date ascribed below, forward.

Signed: [Signature] Date: 1/20/04

Individual: CHARLIE A HOWLAND Title: VICE PRES.

Company: Warwick Mills Inc.

Address: 301 Turnpike Road, PO Box 409, New Ipswich NH 03071

Telephone: (603) 878-1565 Fax: (603) 878-4306



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 31, 2001

PTAS

PHILLIP SUMMAR, P.A.
13777 BALLANTYNE CORPORATE PLACE
SUITE 315
CHARLOTTE, NC 28277



101719448A

2020.23

Docket	_____
C.D.	_____
StaRpt	_____

RECEIVED

AUG 6 2001

SUMMA & ALLAN, P.A.

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/07/2001

REEL/FRAME: 011793/0323

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HOWLAND, CHARLES A.

DOC DATE: 04/23/2001

ASSIGNEE:

WARWICK MILLS, INC.
301 TURNPIKE ROAD
NEW IPSWICH, NEW HAMPSHIRE 03071

SERIAL NUMBER: 09371474

FILING DATE: 08/10/1999

PATENT NUMBER:

ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1619B
Expires 06/30/99
OMB 0651-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone Number

704-945-6700

Name Phillp Summa, P.A.Address (line 1) 13777 Ballantyne Corporate PlaceAddress (line 2) Suite 315Address (line 3) Charlotte, NC 28277Address (line 4)

RECEIVED

FEB 04 2004

OFFICE OF PETITIONS

Pages

Enter the total number of pages of the attached conveyance document
including any attachments# 1

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/371,474

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was
signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application
Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☒Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-0332

Authorization to charge additional fees:

Yes ☒No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document. Charges to deposit account are authorized, as
indicated herein.

PHILIP SUMMA

Name of Person Signing

Signature

May 2, 2001

Date

05-16-2001

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027U.S. Department of Commerce
Patent and Trademark Office
PATENT

101719448

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks; Please record the attached original document(s) or copy(ies). 7 2001

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID # _____
☐ Correction of PTO Error
Reel # _____ Frame # _____
☐ Corrective Document
Reel # _____ Frame # _____

Conveyance Type

- ☒ Assignment
☐ License
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)☐ Mark if additional names of conveying parties attached

Name (line 1) Charles A. Howland

Execution Date
Month Day Year
04 23 2001

Name (line 2) _____

Second Party

Name (line 1) _____

Execution Date
Month Day Year

Name (line 2) _____

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1) Warwick Mills, Inc.

Name (line 2) _____

Address (line 1) 301 Turnpike Road

Address (line 2) _____

Address (line 3) New Ipswich

NH

03071

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

15/15/2001 BYRNE 00000300 09371474

11 FC:581

40.00 OP

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0851-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned Charles A. Howland, 1 Woodcock Run, Temple, NH 03084 hereby

Sell, assign and transfer to Warwick Mills, Inc., a Massachusetts corporation having a place of business at 301 Turnpike Road, New Ipswich, NH 03071, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on August 10, 1999 under Serial No. 09/371,474 and entitled HIGH STRENGTH LIGHTWEIGHT COMPOSITE FABRIC WITH LOW GAS PERMEABILITY, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

I agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

I hereby request the Honorable Commissioners of Patents and Trademarks to issue said Letters Patent to said Assignee.

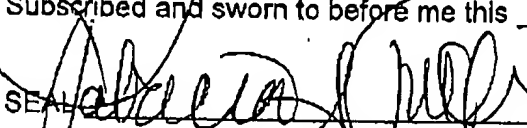
I covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

4/23/01
Date


Charles A. Howland

STATE OF New Hampshire
COUNTY OF Durham

Subscribed and sworn to before me this 23rd day of April 2001


Notary Public

My Commission Expires 2003
PATRICIA A. TUTTLE, Notary Public
My Commission Expires April 29, 2003



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 19, 2001

PTAS

PHILIP SUMMA, P.A.
13777 BALLANTYNE CORPORATE PLACE
SUITE 315
CHARLOTTE, NC 28277

RECEIVED



101579535A

MAR 20 2001

PHILIP SUMMA P.A.

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

2020.23

Docket	<input checked="" type="checkbox"/>
C.B.	<input checked="" type="checkbox"/>
StaRpt	<input checked="" type="checkbox"/>

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/02/2000

REEL/FRAME: 011402/0427

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BEBBER, W. NEAL

DOC DATE: 09/12/2000

ASSIGNOR:

WILLIAMS, GREGORY D.

DOC DATE: 09/12/2000

ASSIGNEE:

REXAM, INC.

POST OFFICE BOX 368

MATTHEWS, NORTH CAROLINA 28106-7003

SERIAL NUMBER: 09371474

FILING DATE: 08/10/1999

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-161 9A

Expires 08/30/09
OMB 0851-0027U.S. Commerce
* Office

01-10-2001



101579535

RECORDATION FORM COVER
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or comities).

Submission Type

☒ New☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel #

Frame #

☐ Corrective Document

Reel #

Frame #

Conveyance Type

☒ Assignment☐ Security Agreement☐ License☐ Change of Name☐ Merger☐ OtherU.S. Government
(For Use ONLY by U.S. Government Agencies)☐ Departmental File☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) W. Neal Bebbcr

Execution Date
Month Day Year
09-12-00

Name (line 2)

Second Party

Name (line 1) Gregory D. Williams

Execution Date
Month Day Year
09-12-00

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Rexem, Inc.

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Name (line 2)

Address (line 1) Post Office Box 368

Address (line 2)

Address (line 3) Matthews

North Carolina

28106-7003

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

10/17/2000 NTHA11 00000228 09371474

01 FC:581

40.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send Comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20503, and to the Office of Information and Privacy, Office of Management and Budget, Paperwork Reduction Project (0851-0027), Washington, D.C. 20503. See OMB Memorandum Concerning Budget Paperwork Reduction Project (0851-0027), Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-1619B

Expires 06/30/00
OMB 06500027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone Number 704-945-6700

Name Philip Summa, P.A.

Address (line 1) 13777 Ballantyne Corporate Place

Address (line 2) Suite 315

Address (line 3) Charlotte, NC 28277

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/371,474

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

PCT

PCT

PCT

only if a U.S. Application Number PCT
has not been assigned.

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Deposit Account

Enclosed ☒Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

50-0332

Authorization to charge additional fees:

Yes



No



Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Philip Summa

Name of Person Signing

Signature

19 Dec 2000

Date

ASSIGNMENT

Whereas, we, W. NEAL BEBBER and GREGORY D. WILLIAMS, U.S. citizens, residing at Matthews, North Carolina (hereinafter referred to as "ASSIGNORS"), have invented certain new and useful improvements in HIGH-STRENGTH LIGHTWEIGHT COMPOSITE FABRIC WITH LOW GAS PERMEABILITY, for which we and our co-inventor, CHARLES A. HOWLAND, filed an application for a United States patent on August 10, 1999, under Serial No. 09/371,474; and

WHEREAS, REXAM, INC., a Delaware corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Matthews, County of Mecklenburg, State of North Carolina, is desirous of acquiring our entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent that shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, be it known that, effective August 10, 1999, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, have sold and by these presents do hereby sell, assign, transfer, and convey unto the ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to said invention and said application, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to the ASSIGNEE or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers that may be requested to confirm the right of the ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said invention in all countries and to vest in the ASSIGNEE complete title to said invention and Letters Patent, without further compensation, but at the expense of the ASSIGNEE, its successors, assigns and other legal representatives.

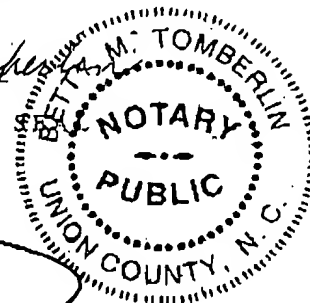
W. Neal Bebb
W. NEAL BEBBER

State of North Carolina
County of Mecklenburg

Before me personally appeared said W. NEAL BEBBER and acknowledged the foregoing instrument to be his free act and deed this 12th day of September, 2000.

My commission expires: January 19, 2004

Betty M. Tomberlin
Notary Public



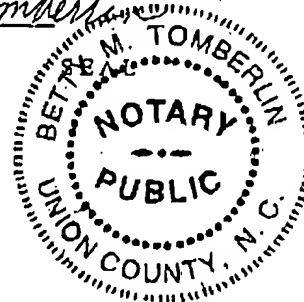
G. D. Williams
GREGORY D. WILLIAMS

State of North Carolina
County of Mecklenburg

Before me personally appeared said GREGORY D. WILLIAMS and acknowledged the foregoing instrument to be his free act and deed this 12th day of September, 2000.

My commission expires: January 19, 2004

Betty M. Tomberlin
Notary Public



FORM PTC 1619A
Expires 06/30/99
OMB 0651-0027

06-20-2002



OFFICE OF PUBLIC RECORDS

RECORDATION FORM COVER SHEET
PATENTS ONLY

102128624

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission
Document ID#

FINANCE SECTION
(Non-Recordation)

- ☐ Correction of PTO Error

Reel #

Frame #

- ☐ Corrective Document

Reel#

Frame #

Conveyance Type

- ☒ Assignment
☐ License
☐ Merger

- ☐ Security Agreement
☐ Change of Name

☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File

☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Rexam Inc.

Name (line 2)

Execution Date
Month Day Year

06/10/2002

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Rexam Image Products Inc.

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

Charlotte
City

North Carolina
State/Country

28209
Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

N/A

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

06/19/2002 10:12:11 00000100 09371474

FOR OFFICE USE ONLY

01 FCI 581 Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

DUR10317243_1

PATENT
REEL: 012993 FRAME: 0050

Correspondent Name and Address

Area Code and Telephone Number **(919) 286-8000**

Name **Dominic J. Chiantera**

Address (line 1) **Moore & Van Allen, PLLC**

Address (line 2) **2200 West Main Street**

Address (line 3) **Suite 800**

Address (line 4) **Durham, North Carolina 27705**

Pages Enter the total number of pages of the attached conveyance document including any attachments.

3

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/371,474

09/925,923

09/927,034

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

3

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

120.00

Method of Payment:

Enclosed



Deposit Account



Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

13-4365

Authorization to charge additional fees:

Yes



No



Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated hereon.

Dominic J. Chiantera

Name of Person Signing

Signature

Date Signed

PATENT ASSIGNMENT

WHEREAS, REXAM INC., a Delaware corporation (hereinafter "Assignor"), is a joint owner of an undivided right, title and interest in and to the patent(s) and/or patent application(s) identified in Schedule A hereto (hereinafter "Patents"); and

WHEREAS, REXAM IMAGE PRODUCTS INC., a Delaware corporation (hereinafter "Assignee"), desires to acquire the rights of the Assignor in and to said Patents;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, that:

Assignor hereby sells, assigns, transfers, and sets over unto Assignee, its successors and assigns, free of all encumbrances, Assignor's entire right, title, and interest in and to said Patents and the inventions claimed therein, including: all original, reissued, and reexamined letters patent that originate therefrom in this and in foreign countries, all rights of priority, all continuation, divisional, continuation-in-part and substitute patent applications that may be filed therefor in this and in foreign countries, and all original, reissued, and reexamined letters patents that may issue from said continuation, divisional, continuation-in-part and substitute applications, together with the rights to all income derived from said Patents, including the right to sue for past infringement thereof and to recover all damages therefrom for its own use and behalf and for the use and behalf of its successors and assigns or other legal representatives; said Patents to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; and that

Assignor agrees, at the request and expense of Assignee, to perform such proper additional acts, and to execute such additional documents, as are deemed necessary by the governmental agencies having jurisdiction over said Patents to effect the transfer of all of Assignor's right, title and interest therein to Assignee, its successors and assigns. In furtherance thereof, Assignor hereby authorizes such governmental agencies to identify Assignee as the owner of all letters patent issuing from applications pending among said Patents.

IN WITNESS WHEREOF, we have hereto set our hand(s) and seal(s) this 10th day of June, 2002.

[SEAL]

REXAM INC.

Assignor

By: Ronald H. Glasshoff

Name: Ronald H. Glasshoff

Title: Vice President

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Peggy B. Harrington, a Notary Public of the aforesaid County and State, do hereby certify that Ronald Glasshoff personally appeared before me this day and acknowledged that he is a Vice President of REXAM INC., a corporation organized and existing pursuant to the laws of the State of Delaware, and that by authority duly given and as an act of the corporation, the foregoing instrument was signed in its name by him as its Vice President, as the free act and deed of the corporation.

WITNESS MY HAND AND NOTARIAL SEAL this 10th day of June, 2002.

Peggy B. Harrington
Notary Public

My Commission Expires: 11-01-2003

REXAM IMAGE PRODUCTS INC.

Assignee

[SEAL]

By: Frank C. Brown

Name: Frank C. Brown

Title: Vice President and Secretary

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Peggy B. Harrington, a Notary Public of the aforesaid County and State, do hereby certify that Frank C. Brown personally appeared before me this day and acknowledged that he is the Vice President and Secretary of REXAM IMAGE PRODUCTS INC., a corporation organized and existing pursuant to the laws of the State of Delaware, and that by authority duly given and as an act of the corporation, the foregoing instrument was signed in its name by him as its Vice President and Secretary, as the free act and deed of the corporation.

WITNESS MY HAND AND NOTARIAL SEAL this 10th day of June, 2002.

Peggy B. Harrington
Notary Public

My Commission Expires: 11-01-2003

Schedule A**Patents**

No.	Title	Country, Region, or Convention	Application No. Filing Date	Patent No. Issue Date
1	High Strength Lightweight Composite Fabric With Low Gas Permeability	United States	09/371,474 August 10, 1999	
2	High Strength Lightweight Composite Fabric With Low Gas Permeability	United States	09/925,923 August 9, 2001	
3	High Strength Lightweight Composite Fabric With Low Gas Permeability	United States	09/927,034 August 9, 2001	
4	High Strength Lightweight Composite Fabric With Low Gas Permeability	PCT	PCT/US00/21761 August 9, 2000	
5	High Strength Lightweight Composite Fabric With Low Gas Permeability	Europe	EP 00952692.2	
6	High Strength Lightweight Composite Fabric With Low Gas Permeability	Germany	DE 1001104.5	

Moore & Van Allen

June 7, 2002

Via Express Mail: EV071359180US

Commissioner of Patents and Trademarks
BOX ASSIGNMENTS
Washington, D.C. 20231

Dominic J. Chiantera
Registered Patent Attorney

T 919 288 8169
F 919 416 8369
domchiantera@mvalaw.com

Moore & Van Allen PLLC

Suite 800
2200 West Main Street
Post Office Box 3843
Durham, NC 27702-3843

Re: Recordation of Assignment of Patent
Our Reference: 005474-121

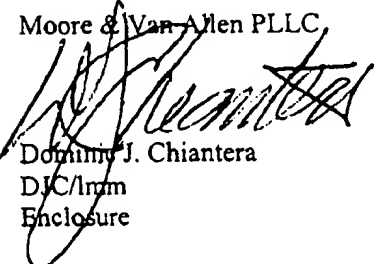
Dear Sir/Madam:

Please find enclosed the following documents for recording with the Patent and Trademark Office.

1. Recordation Form Cover Sheet - Patents;
2. Assignment, executed June 10, 2002;
3. Check in the amount of Forty Dollars (\$120.00);
4. Postcard acknowledgment.

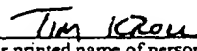
Sincerely yours,

Moore & Van Allen PLLC


Dominic J. Chiantera
DJC/lmm
Enclosure

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as "Express Mail" in an envelope addressed to the Commissioner of Patents and Trademarks, BOX ASSIGNMENTS, Washington, DC 20231.


(Typed or printed name of person signing the certificate)


(Signature of the person signing the certificate)

6/11/02
(Date of Signature)

DUR1\317249_1

Charlotte, NC
Raleigh, NC
Charleston, SC

RECORDED: 06/11/2002

PATENT
REEL: 012993 FRAME: 0055

Correspondent Name and Address

Area Code and Telephone Number **(919) 286-8000**

Name **Dominic J. Chiantera**

Address (line 1) **Moore & Van Allen, PLLC**

Address (line 2) **2200 West Main Street**

Address (line 3) **Suite 800**

Address (line 4) **Durham, North Carolina 27705**

Pages Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/371,474

09/925,923

09/927,034

4590006

4732786

4775594

09/264,024

4849286

4781985

4966883

5169468

5210114

5382495

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Mth Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

63

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ **2520.00**

Method of Payment:

Enclosed ☒

Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

13-4365

Authorization to charge additional fees:

Yes ☒ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Dominic J. Chiantera

Name of Person Signing

Signature

Date Signed

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

5308680

5259992

5306543

5352503

5292588

5370960

5399413

5385771

5427847

5922159

5795425

5363179

5766398

5475480

5400126

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

5483321

5837375

5478676

5601959

5707554

5539038

6048604

5904958

5672413

5869179

5488455

5414502

5939193

5688581

5883212

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies) ☐
Enter Additional Conveying Party

☐ Mark if additional names of conveying parties attached

Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)

Execution Date
Month Day Year

Execution Date
Month Day Year

Execution Date
Month Day Year

Receiving Party(ies)
Enter Additional Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3)
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3)
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

5746817	5803958	5789134
5853899	5759636	6001482
5965244	6171422	6165593
6210808	6326415	6338892
5522786	5508343	5447784

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)
Enter Additional Conveying Party

☐ Mark if additional names of conveying parties attached

Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)

Execution Date
Month Day Year

Execution Date
Month Day Year

Execution Date
Month Day Year

Receiving Party(ies)
Enter Additional Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3)
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3)
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

5491013

5608969

5609944

5503876

6174578

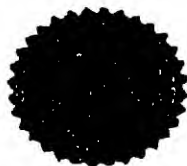
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSON, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "REXAM IMAGE PRODUCTS INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "REXAM IMAGE PRODUCTS INC." TO "IMAGE PRODUCTS GROUP LLC", FILED IN THIS OFFICE ON THE ELEVENTH DAY OF JUNE, A.D. 2002, AT 9:01 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE TWELFTH DAY OF JUNE, A.D. 2002, AT 12:01 O'CLOCK A.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2143142 8100V

020373915

11/90 226 ON 20:21 20: 11/90

AUTHENTICATION: 1823540

DATE: 06-11-02

353

PAGE.04

MOORE VAN ALLEN

JUN 11 2002 4:56 PM

PATENT
REEL: 012958 FRAME: 0692

STATE OF DELAWARE
 SECRETARY OF STATE
 DIVISION OF CORPORATIONS
 FILED 00:01 AM 06/11/2002
 020378915 - 2143162

**CERTIFICATE OF CONVERSION
 FROM A CORPORATION TO
 A LIMITED LIABILITY COMPANY**

Pursuant to Section 266 of the Delaware General Corporation Law and Section 18-214 of the Delaware Limited Liability Company Act, the undersigned officer of Rexam Image Products Inc., hereby submits this Certificate of Conversion for filing with the Secretary of State of the State of Delaware and certifies that:

1. The corporation was first incorporated in the State of Delaware and filed its original certificate of incorporation with the Secretary of State of the State of Delaware on November 10, 1987.
2. The original name of the corporation as set forth in the original certificate of incorporation was R-I Holdings, Inc.
3. The name of the corporation immediately prior to filing this certificate of conversion is Rexam Image Products Inc.
4. The name of the limited liability company as set forth in the certificate of formation is Image Products Group LLC.
5. The conversion has been approved in accordance with the provisions of Section 266 of the Delaware General Corporation Law.
6. The conversion has been approved in accordance with the provisions of Section 18-214 of the Delaware Limited Liability Company Act.
7. The effective time of conversion herein certified shall be at 12:01 a.m., June 12, 2002.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion this the 10th day of June, 2002.

REXAM IMAGE PRODUCTS INC.

By: Frank C. Brown
 Frank C. Brown, Vice President

0001046661

053

06/11 02:13:07 NO.973 05/11

PAGE.05

JUN 11 2002 4:56 PM

MOORE VAN ALLEN

RECORDED: 06/12/2002

PATENT
 REEL: 012958 FRAME: 0693